

IN THE CLAIMS:

1. (currently amended) A recombinant chimeric adenoviral vector based on a first adenovirus of subgroup C, comprising a tissue tropism for dendritic cells provided by a non-native fiber protein substituted for a fiber protein of the first adenovirus, the non-native fiber protein selected from the group consisting of fiber proteins from serotypes Adenovirus 11, Adenovirus 16, Adenovirus 35, Adenovirus 51 and Adenovirus 40L.

2-3 (canceled)

4. (currently amended) The recombinant chimeric adenoviral vector of claim 1 wherein the non-native fiber protein is from Adenovirus 35.

5-6 (canceled)

7. (currently amended) The recombinant chimeric adenoviral vector of claim 1, wherein the non-native fiber protein is from Adenovirus 16.

8. (currently amended) The recombinant chimeric adenoviral vector of claim 1, wherein the non-native fiber protein is from Adenovirus 11.

9-12 (canceled)

13. (previously amended) A recombinant chimeric adenoviral vector, comprising adenoviral nucleic acid, said adenoviral nucleic acid encoding an adenovirus subgroup C viral capsid and at least one sequence encoding an adenovirus fiber protein having at least a tissue tropism determining fragment of a fiber protein selected from the group consisting of adenovirus 11, Adenovirus 16, Adenovirus 35, Adenovirus 51 and Adenovirus 40L.

14. (previously amended) The recombinant chimeric adenoviral vector of claim 13, wherein said adenovirus nucleic acid is modified such that replication of said adenoviral nucleic acid in a target cell is reduced or disabled.

15. (canceled)

16. (currently amended) The recombinant chimeric adenoviral vector of claim 14, wherein said adenoviral nucleic acid is modified such that an immune response against adenovirus proteins encoded by said adenovirus nucleic acid is reduced ~~or disabled~~ in a host system and said fiber protein is ~~adenovirus~~ from Adenovirus 35.

17. (canceled)

18. (previously amended) The recombinant adenoviral vector of claim 14, further comprising at least one non-adenoviral nucleic acid.

19. (previously amended) A recombinant chimeric adenoviral capsid having a tissue tropism for dendritic cells wherein said adenovirus capsid comprises:

proteins from at least two different adenoviruses, and
a tissue tropism determining fragment of a fiber protein obtained from a subgroup B adenovirus selected from the group consisting of adenovirus 11, Adenovirus 16, Adenovirus 35, Adenovirus 51 and Adenovirus 40L.

20. (canceled)

21. (currently amended) The recombinant chimeric adenoviral capsid of claim 19 wherein said fiber protein is from Adenovirus 35.

22. (currently amended) The recombinant chimeric adenoviral vector of claim 1 wherein the non-native fiber protein is from Ad40L.

23. (original) A chimeric adenoviral capsid, comprising a capsid protein fragment having a tropism to a dendritic cell.

24. (original) The chimeric adenoviral capsid of claim 23, wherein said capsid protein fragment is obtained from Adenovirus 35.